Original / Duplicate / Triplicate

CONTRACT CERTIFICATE

YNK-DBR No. 65 (For Other Works)
Date 03.08.2020

Date AEE, YSTSD

No. 1st and Final bill

SBR No: 51/20-21

Division-Yelahanka Division

Bill Received No.....Dated.....Cash Book Voucher No.....dated.....

Date: 22/7/2020.

Scheduled Docket No.....

Head of Account:

Name of Work: Drilling of Borewell , And other Civil works at Slum Area in ward no.4

Contractor and Full Address: M/s KRIDL

P-1878

Work Order No: BBMP/EE (YNK.D/WO/116/19-20

Job code No: 004-20-000017

Certified that the measurements were taken by me on 24/06/2020 and recorded in pages 115102 to 143.

Of measurement Book No. H65 1152 and that the work is satisfactorily executed.

Asst Executive Engineer
Yelahanka Yeshwanthpura Sub Division
KRIDL BBMP Bangalore

Ramaprasad
Officer-in-charge of work

Certified that the measurements were taken by me on..... and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪವಿಭಾಗ ಉಪವಿಭಾಗ.
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Sub-Division Officer

If Memorandum of Payment

1) Total value of work done or supplies made as per account within
2) Deduct amount to be held in reserve being.....percent Rs.....
3) Deduct amount to be held in Balance
4) Deduct Payment :
   a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D No.....
   Amount adjusted towards cash advance recovery of
   b) Payments cost store or other materials supplied.
   Now made recovery of amount creditable to this/other work
   Amount paid on this bill Cheque/Cash
5) Balance being unpaid value of work done held in reserve
6) Deduct cash advance made on the office Cash Book Voucher No..... date .....less adjustments
7) Net amount due to or from contractor

Unadjusted items

8) Advance to contractor for materials brought to site (as detailed) within value of Govt materials supplied

Gross Amt	=Rs	5072507=00
SSD	=Rs	253626=00
CGST	=Rs	45290=00
SGST	=Rs	45290=00
IT	=Rs	101451=00
LC	=Rs	50726=00
CBT	=Rs	5073=00
[illegible]	=Rs	22788=00
[illegible]	=Rs	1400=00
T.D.	=Rs	525644=00
Net Amt	=Rs	4546863=00

Asst Executive Engineer
Yelahanka Yeshwanthpura Sub Division
KRIDL BBMP Bangalore

Received Rs.....(in words)

By Cash and by adjustment of Payment as per memorandum.

Witnesses:

1.

2.

Dated.....

Asst Executive Engineer
Yelahanka Yeshwanthpura Sub Division
KRIDL BBMP Bangalore
Signature of Contractor

Paid by me by cheque No.....Dated.....

Cash Rs.....Dated.....

(For use in the Office)

Audited & Admitted for Rs. 5072507=00

4546863=00 by Cheque

and Rs. 525644=00 by adjusement

Accts. Supdt.
yelahanka Division

Exe. Engineer
yelahanka Division
BBMP

Initials of Officer Making Payment

Name of Work :Drilling of Borewell , And other Civil works at Slum Area in ward no.4

ABSTRACT

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
1	Geophysical investigation of site for sinking borewell for supplying drinking water to the habitation either through the hand pump, MWS or P.W.S.S. by vertical electrical sounding by adopting venner or schlumbergers's method, including reconnaissance survey of geological formation, Geological investigation of existing ground water in vicinity, its quality, quantity & acceptability of the users indicating the location of site, recommended depth of casing pipe required to seal the top unconsolidated formation including an extra depth of 1.0 mtr in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site, engaging technical personal and labour required etc	Each	5.00	2065.00	10325.00			5.00	2065.00	10325.00	5.00	10325.00

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
2	Sinking of borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above 900 CMF & above in all strata including over budern upto 20 m. fixing of casing pipes, collars & cap with necessary cutting, threading & welding including transportation of rig and supporting vehicle, crew charges & cost of consumables etc., complete including yield testing at the final depth with minimum working of compressor for one hour(excluding cost of casing pipes, collars, cap etc.,)	Mtr										
	0.00 to 50.00 Mtr.	Mtr	250.00	315 80	78950 00			250.00	315 80	78950.00	250.00	78950.00
	50.00 to 100.00 Mtr.	Mtr	250.00	412.60	103150 00			250.00	412 60	103150.00	250.00	103150.00
	100.00 to 150.00 Mtr.	Mtr	250.00	458.35	114587 50			250.00	458.35	114587.50	250.00	114587.50
	150.00 to 200.00 Mtr.	Mtr	250.00	484.10	121025 00			250.00	484.10	121025.00	250.00	121025.00
	200.00 to 250.00 Mtr.	Mtr	250.00	560.32	140080 00			250.00	560.32	140080.00	250.00	140080.00
	250.00 to 300.00 Mtr.	Mtr	250.00	600.49	150122 50			250.00	600.49	150122.50	250.00	150122.50
	300.00 to 350.00 Mtr.	Mtr	250.00	622.00	155500 00			250.00	622 00	155500.00	250.00	155500.00
3	Supplying of ISI Mark 175 mm nominal bore medium black ERW casing pipe of 5mm thick black electric resistance continous welded midle steel tube material confirming to IS 1387/1993 and manufactured from hot rolled steel skelp/stripes in random length of 4 to 7 mtr both ends threaded confirming to IS 554/1985 one end(including of all taxes)	Rmt	250.00	1325 00	331250 00			250.00	1325.00	331250 00	250.00	331250.00
4	Providing and fixing 250mm dia PVC pipe and as per specification and directions.	Rmt	30.00	1100.00	33000 00			30.00	1100.00	33000.00	30.00	33000.00
5	175 mm dia M.S. Casing cap	Each	5.00	100.00	500 00			5.00	100.00	500 00	5.00	500 00
6	supply of 175mm M.S collars each	Each	40.00	150.00	6000 00			40.00	150.00	6000 00	40.00	6000 00

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
7	Supply & delivery at site brand new texmo/innoval/lubi/sabar /Atalanta/calamal/ waterman/Radha make suitable HP deep well submercible pumpset suitable for vertical installation in 150 dia borewells compressing of single stage or multistage CF pump close coupled by means of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water squirrel cagesubmercible induction motor suitable for operation of 3Ph, 50Hz.380/440 volts AC supply fitted with required accessories such as suction, casing, suction strainers, sand guard. Non return valve etc Complete the pump and motor shall from an integral unit with all the required fittings 15HP/11KW 25 stage	Nos	5.00	63986.90	319934 50			5.00	35410- 63986.90 35410.	177050-00 319934.50	5.00	177050-00 319934.50
8	Providing, laying & jointing GI pipes confirming to IS specification of approved make with fittings such as collars bends elbows tees nipples plugs with cuts threads using white lead & threads for joints wherever necessary as per direction including all lead & lift etc,. complete 'A' grade(excluding cost of fittings) 50mm dia GI pipe	Rmtr	1650.00	542.72	895488 00			1644.00	542.72	892231.68	1644.00	892231.68
9	Coller	Each	275.00	212.00	58300 00			274.00	212.00	58088.00	274.00	58088.00

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
10	Supplying and drawing 3 core PVC Sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to table 3 class 5 of IS: 8130-1984 and virgin grade PVC insulation and sheathed suitable for working voltage upto 1100 volts 4 sqmm of 56 strands 0.3mm dia	Rmt	3300.00	164.29	542157.00			3292.00	164.29	540842.68	3292.00	540842.68
11	Supplying & delivery at site brand new / Essen / Lotus sunsines/Adarsh/ Gk controls best indigenous make combine energy meter-cum-control panel board unit of size 1200 x 600 x 300 mm minimum mechanically strong and vermin and water proof the unit shall have two detachable doors suitable for operation on 3ph, 50Hz, 380/440 volts, AC supply with spring loaded latch locking with a key ribs should be provided inside the door , canopy apron and louvers ventilators shall be provided the combine energy mtr cum control panel board unit suitable for operation on 3ph, 50Hz, 380/440 AC supply shall be consisted etc,. completed T panel board shall be fabricated on single unit in the above components panel board for suitable pumpset above components panel board for suitable pumpset above 6.50 HP to 15.00 HP with star delta starter (MR)	Nos	5.00	14800.00	74000.00			5.00	14800.00	74000.00	5.00	74000.00

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
12	Fabricating supplying and mounting MS box of 16 SWG suitable for floor / wall mounting, fully weather proof with provision for better hear description, (providing with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished 2 coats of red oxide primes paint and finally finished with approved colour enamelled metal paint etc, complete box of 21600 sq cm (P.NO-530, I.NO-39 b, BWSSB SR 13-14)	Sqm Cm	110000.00	0.34	37400.00			84000/- 110000.00	0.34	28560.00 37400.00	84000/- 110000.00	28560.00 37400.00
13	Providing & Fixing of clamps set and borewell cap to the pump (MR)	No's	5.00	1800.00	9000.00			5.00	1800.00	9000.00	5.00	9000.00
14	Supplying & delivery of brand new best make non return valve of size 50mm as per IS: 778/84 with latest amendments with ISI mark (50mm Gate wheel Valve. (PWD SR-2018-19, P.NO.XXV, Sl.no, 647)	No's	5.00	1016.95	5084.75			5.00	1016.95	5084.75	5.00	5084.75
15	Supplying and delivery of brand new best make Gate Valve of size 50mm as per IS 778/84 with latest amendments with ISI mark . 50mm Gate Valve for distributer pipeline. 50mm dia (PWD SR-2018-19, P.NO.XXVI, Sl.no, 661)	No's	10.00	1482.21	14822.09			5 10.00	1482.21	7410 14822.09	5 10.00	7410 14822.09
16	Providing and fixing of 50mm GI Shortbend to motor (PWD SR-2018-19, P.NO.XXXIX, G.I. Pipe Fittings - ISI Standards Table)	No's	10.00	232.14	2321.40			10.00	232.14	2321.40	10.00	2321.40
17	Providing and fixing of 50mm GI union to the motor (PWD SR-2018-19, P.NO.XXXIX, G.I. Pipe Fittings - ISI Standards Table)	No's	10.00	237.12	2371.20			10.00	237.12	2371.20	10.00	2371.20

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
18	suppling & fixing of 50mm GI Elbow PWD SR 18-19 XXXIX	No's	5.00	111.80	559.00			5.00	111.80	559.00	5.00	559.00
19	Labour charges for erection of new /repaired submersible pumpset along with GI pipes (32/50mm) cable (new submersible pumpset if required will be supplied by the department free of cost and released pump set should be handed over to department) including transportation (each length = 6.00m) (P.No - 564, I.No - 3, BWSSB SR 13-14)	Per length	275.00	90.64	24926.00			274.00	90.64	24835.36	274.00	24835.36
20	Erection of combined panel board meter board with all necessary materials and labour including providing CC 1:3:6 foundation bed etc,. Complete for basement out door type. (MR)	No's	5.00	475.00	2375.00			5.00	475.00	2375.00	5.00	2375.00
21	Supplying and fixing miniature circuit breakers/isolators in existing MCB distribution boards using necessary fixing materials and wiring complete as required, 40 to 63 Amps DP (P.NO - 526, I.NO - 13D (a), BWSSB SR 13-14)	No's	5.00	906.40	4532.00			5.00	906.40	4532.00	5.00	4532.00
22	Supplying and laying of L.T.U.G Cable having aluminiumconductor PVC insulated shethed galvanised steel wire/ steel tape armoured cable with PVC outer sheathing 1.1 KV class 4 core 16 sqmm cable (confirming to IS 1554) (P.NO - 553, I.NO - 10 (d), BWSSB SR 13-14)	Mtr	175.00	169.95	29741.25			175.00	169.95	29741.25	175.00	29741.25

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
23	Digging of trenches of 0.6mm x 0.50 Mtrs wide refilling the trench to the required ground level and consolidating etc,. Complete sutting road surfaces (P.NO - 554, I.NO - 12 (b), BWSSB SR 13-14)	Mtr	175.00	56.65	9913.75			175.00	56.65	9913.75	175.00	9913.75
24	Supplying and fixing Class-A GI Pipe on pole/ wall/drain crossing with necessary clamping arrangements for UG Cable of 1.1 KV class 40mm (P.NO - 555, I.NO - 15 (b), BWSSB SR 13-14)	Mtr	15.00	249.26	3738.90			15.00	249.26	3738.90	15.00	3738.90
25	Supplying and fixing wiring earth electrode for grounding conduits, IC cutouts and other equipments on the meter board using 40mm dia 2.90 mm thick GI pipe 2.5 mtr long buried in a pit,/ the pit should be filled with equal proportion of salt and charocal 150 mm alround the pipe to complete depth the connections from the pipe to the conduit etc,. is to be established though GI wire of size as per ISI specification 7.3.3 of ISI 732 using 12mm dia boalts, nuts washers and checknuts etc,. the pipe shall have 16 through holes of 122mm dia (P.NO - 552, I.NO - 7 , BWSSB SR 13-14)	No's	5.00	1699.50	8497.50			5.00	1699.50	8497.50	5.00	8497.50
26	Supply and fixing LT cast iron pot heads suitable for 1.1 KV class 16 sqmmUG cable filled with necessary bitumen/ insulating compound complete with terminals, clamps, bolts nuts and washers etc, (P.NO - 555, I.NO - 16 (b) , BWSSB SR 13-14)	No's	5.00	271.92	1359.60			5.00	271.92	1359.60	5.00	1359.60

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
27	Supplying shunt capacitor's confirming to IS 2834, 3phase 400/440 volts grade for power factor improvement of roating machinery capacitor in KVAR rating No's. (MR)	No's	5.00	1350.00	6750.00			5.00	1350.00	6750.00	5.00	6750.00
28	Providing and fixing Gun Metal Gate wheel valve confirming to IS specification of approved make as per direction including all lead and lift etc,. Complete. 50mm dia (P.NO - 94, I.NO - 13.79.6, PWD SR-2018-19)	No's	5.00	778.04	3890.20			5.00	778.04	3890.20	5.00	3890.20
29	Supplying and fixing of polished wood board made of not less than 15mm thick plank on both sides with planks made out on not more than 2 pieces and fixing the same to wall using tapered inverted wooden plugs screws etc., Size 20 x 20 x 2.5 inches (P.NO - 521, I.NO - 2 (f), BWSSB SR 13-14)	No's	5.00	311.58	1557.90			5.00	311.58	1557.90	5.00	1557.90
30	Erection of pumping machineries PRE SR 12-13 pg 51/10.3.20	No	5.00	900.00	4500.00			5.00	900.00	4500.00	5.00	4500.00
31	KPTCL Deposit charges	L/S	5.00	13300.00	66500.00			5.00	13300.00	66500.00	5.00	66500.00
32	Borewell registration charges per Rs 1000 each for BWSSB	L/S	5.00	1000.00	5000.00			5.00	1000.00	5000.00	5.00	5000.00

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
33	KSRB 2-2.2 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinery soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1(b) / 2.3.5 (Page No.5 , Item No.2.4,PW,P & IWTD SR 2018-19)	Cum	789.75	316.94	250303 37			788.40	316.94	249875.50	788.40	249875.50
34	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings this includes jointing of pipes and fittings with one step solvent cement, trenching, refilling & testing of joints complete (external work) 50mm nominal OD pipes	Rmt	1170.00	457.92	535766.40			1168.00	457.92	534850.56	1168.00	534850.56

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
35	KSRRB M400- Wet Mix Macadam KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406	Cum	131.63	2001.28	263418.48			131.40	2001.28	262968.19	131.40	262968.19
36	Filling available earth around pipe lines cable in layers not exceeding 20cms, in depth compacting each deposited layer by ramming after watering with lead upto 50m and lift upto 1.5m including cost all labour complete as per specifications	Cum	647.60	213.06	137976.59			645.57	213.06	137545.14	645.57	137545.14
												452762=00
	Total				4566674.87					4559576.15		4559576.15
	GST Chaarges 12%				548000.98					547149.14		547149.14
	KRIDL Charge 4%				182666.99					182383.05		182383.05
	Grand Total				5297342.85					5289108.33		5289108.33

Assistant Engineer
Yeshwanthpura Sub Division,
KRIDL, BBMP, Bangalore

CERTIFICATE

1 Certified that the work done is satisfactorily.
2 There is no departmental issues by BBMP

Ramasanjeevaiah.
Assistant Engineer
Ward No-04

~~HH71815=00~~
12%. ~~536617=00~~
Bescom Deposit ~~45947=00~~
Borewell rigistration ~~5000=00~~
4%. KRIDL ~~178878=00~~
~~5,38,251=00~~

Assistant Executive Engineer
Yelahanka Satellite Town Sub Division
Bangalore-64

4328930=00
519472=00
45947=00
5000=00
173158=00
Total - 5072507=00